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(54) PISTON FOR INTERNAL COMBUSTION ENGINE

(57) Abstract:

PROBLEM TO BE SOLVED: To alleviate tensile stress acting on pin boss parts when piston inertia force acts as well as to alleviate tensile stress acting on the pin boss parts when an explosive load acts, in a piston for an internal combustion engine.

SOLUTION: In a piston 1 for an internal combustion engine, in which conical machining 10 is applied from the inside of pin boss parts 3 to respective piston pin insertion holes 4 formed on a pair of pin boss parts 3 extending downward from the back side of a head part 2, the conical machining 10 in relation to the piston pin insertion holes 4 of the pin boss parts 3 is vertically asymmetrically applied so that the inclination in relation to cylindrical inner surfaces of the piston pin insertion holes 4 may be larger at the side lower than the upper side of the piston pin insertion hole 4.

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